

# Jabb of the Carolinas, Inc.

## SAFETY DATA

### SHEET

#### SECTION 1: PRODUCT and COMPANY IDENTIFICATION

Product Name: : SPE 120 Soil and Plant enhancer ES

Date Prepared: October 2, 2019

Date Revised:

Distributed by: JABB of the Carolinas, Inc.  
302 East Brown Street  
Pine Level, NC 27568-0310

Manufactured by: JABB of the Carolinas, Inc.  
302 East Brown Street  
Pine Level, NC 27568-0310

For Health Safety Emergency Only, Call CHEM-TEL, Inc.: 1-800-255-3924

Other Information Calls: 919-965-9007

**General Use:** Biological Soil and Plant Enhancer.

#### SECTION 2: HAZARDS IDENTIFICATION



**Potential Health Effects: WARNING:** May cause moderate eye irritation. May cause skin irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Active Ingredient (non-hazardous):	Concentration (w/w)		CAS Number
	%		
<i>Beauveria bassiana</i> (1.1 x 10 <sup>10</sup> cfu/ml)	1.1%	Mixture	

#### SECTION 4: FIRST AID

Eye Contact:	Eye contact may cause mild irritation. Avoid eye contact. If contacted, hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. If irritation persists, seek medical attention.
Skin Contact:	Wash skin immediately and thoroughly with soap and water for 15-20 minutes after contact. Take off contaminated clothing.
Inhalation:	No apparent hazard with normal use. Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

#### SECTION 5: FIRE FIGHTING MEASURES

Flash Point:	340° F minimum
Autoignition Temperature:	Not applicable
LEL:	Not applicable
UEL:	Not applicable

Flammability Classification: Not applicable.  
Extinguishing Media: Water, CO<sub>2</sub>, dry chemical, foam  
Hazardous Combustion Products: Carbon dioxide, carbon monoxide.  
Unusual Fire or Explosion Hazards: None.  
Fire-Fighting Instructions/Equipment: Wear NIOSH/MSHA respiratory protection for vapors and particulates.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

Use recommended personal protective equipment (see Section 8).

Remove persons not wearing protective clothing from spill area. Contain and ventilate spill area. Avoid contamination of streams and sewers. Absorb onto clay or other absorbent material.

## SECTION 7: HANDLING AND STORAGE

Handling Precautions: Applicators and other handlers must wear:

- Long-sleeved shirt and long pants;
- Waterproof gloves;
- Shoes and socks.
- Protective eyewear such as goggles, face shield, or shielded safety glasses
- Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.
- Wash hands before eating, drinking, chewing gum, using tobacco or using toilet. Remove clothing immediately if product gets inside, then clean thoroughly and put on clean clothing.

Storage Requirements: Store in a cool, dry place in original container and out of direct sunlight. Do not store at temperatures exceeding 80°F (27°C).

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Eye/Face Protection: Goggles, safety glasses or other equivalent protective gear.  
Skin Protection: Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical-resistant gloves made of any waterproof material; and shoes and socks.  
Respiratory Protection: Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization  
Engineering Controls: Do not use a fungicide prior to application of this product. Do not apply this product through any type of irrigation system.  
Administrative Controls: Use this product only as specified on the label.  
Other Precautions: Do not contaminate water by cleaning of equipment or disposal of equipment wash-waters. Do not discharge into lakes, streams, ponds, or public waterways. Wear approved dust/mist mask while spraying.  
Other Information: None

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Physical State: Dark amber liquid  
Odor: Citrus  
Odor Threshold (ppm): Not applicable  
pH: Not applicable

Melting Point: Not applicable  
Boiling Point: Unknown  
Flash Point: 340° F minimum  
Evaporation Rate (Butyl Acetate = 1): <1  
Flammability (solid, gas): Solid, nonflammable; Air, not available  
LEL: Not applicable  
UEL: Not applicable  
Vapor Pressure at 20°C: Not available  
Vapor Density (Air = 1): >1  
Specific Gravity (Water = 1) .96  
Solubility in Water: Not available  
Coefficient of Water/Oil solubility: Not applicable  
Autoignition temperature: Not applicable  
Decomposition temperature: Not applicable  
% Volatiles by volume: <10%

## SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable  
Hazardous Polymerization: Will not occur  
Conditions to Avoid: Heat, strong acids and strong bases  
Chemicals to Avoid: Strong acids and strong bases  
Hazardous Decomposition Products: Carbon monoxide and/or carbon dioxide.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Acute Effects

Inhalation: Non-hazardous. Avoid breathing vapors. Move person to fresh air.  
Skin: May cause skin irritation. Avoid contact with skin & clothing. Wash thoroughly with soap and water. Get medical attention if irritation occurs and persists.  
Eyes: May cause moderate eye irritation. Avoid contact. Flush thoroughly with water. If irritation occurs and persists, contact physician.

### Chronic Effects

Eyes: Not determined  
Skin: Not determined  
Ingestion: Not determined  
Inhalation: Not determined  
Carcinogenicity: Not applicable  
Target Organ Effects: Not applicable  
Medical Conditions Aggravated by Long-term Exposure: None presently known

## SECTION 12: ECOLOGICAL INFORMATION

Do not apply directly to water, to areas where surface water is present or to intertidal areas below mean water mark. Do not contaminate surface water by disposal of equipment wash waters.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

Do not contaminate water, food or feed by storage or disposal. Store in a cool, dry place in original container and out of direct sunlight. Do not store at temperatures exceeding 80°F (27°C).

**Container Disposal:** Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty remaining contents into application or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or mix tank or store for later use or disposal. Drain for 10 seconds after flow begins to drip. Repeat this procedure 2 more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

### **SECTION 14: TRANSPORT INFORMATION**

UN Number: None  
UN Proper Shipping Name: Non-hazardous additive compound  
Transport Hazard Class(es): Non-hazardous additive compound  
Packing group, if applicable: NA  
Marine Pollutant: No

### **SECTION 15: REGULATORY INFORMATION**

None

### **SECTION 16: OTHER INFORMATION**

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. However, Jabb of the Carolinas, Inc makes no representations as to its completeness or accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Jabb of the Carolinas, Inc be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.